



SUBJECT: **Philosophy**
DATE: 31st August 2018
TIME: 4:00 p.m. to 7:05 p.m.

This examination paper has two sections. Answer **BOTH** Section A and Section B. Section A carries 30 marks and Section B carries 70 marks. Follow the instructions given in each section.

SECTION A: LOGIC AND REASONING

Answer any THREE questions from Section A. Each question carries 10 marks.

1. a) Translate the following statements symbolically:
- i. This restaurant's food and atmosphere are lovely. (1)
 - ii. Chris will either go to India or to Japan. (1)
 - iii. If I feel cold then I will buy myself a coffee. (1)
 - iv. If this object is a triangle then it has three sides. If this object has three sides then it is a triangle. (2)

- b) By the use of a truth-table, work out the following implication:
- i. $(a \vee b) \vee c < a \vee (b \vee c)$ (3)
 - ii. What is the name of the property of the adjunctor that the truth-table is showing? (2)

(Total: 10 marks)

2. a) Identify if the following arguments are deductive or inductive and briefly explain how such types of arguments work:
- i. All children that I have met in all my life like cartoons. Therefore, all children like cartoons. (2)
 - ii. All things that bark and have four legs are dogs. Fido barks and has four legs. Therefore, Fido is a dog. (2)

- b) Identify the fallacy in this passage and briefly explain the error in reasoning. (2)

"Joanne cannot claim that smoking is bad for one's health since she herself smokes."

- c) Write down a formula to show:
- i. The symmetrical property of $><$ (2)
 - ii. The Transitivity of \rightarrow (2)

(Total: 10 marks)

3. a) Explain what the following mean and give an example of each:
- i. Virtual bi-location. (3)
 - ii. Virtual bi-temporation. (3)
- b) Work out the truth-table of the following proposition:
- i. $(a \wedge b) \rightarrow c \leftrightarrow a \rightarrow (b \rightarrow c)$ (3)
 - ii. What is such a proposition called? (1)
- (Total: 10 marks)**

4. a) Given that:

'a' stands for: Today is Monday.

'b' stands for: Today we have a logic lecture.

'c' stands for: Today we have an ethics lecture.

- i. What does $a \rightarrow (b \wedge c) \wedge b \wedge c \rightarrow a$ stand for? (3)
 - ii. Check by means of a truth-table whether the above implication is valid. (3)
- b) i. Write an equivalence to check whether the subjunctive (\rightarrow) is self-distributive. (1)
- ii. Work out a truth-table to check if the subjunctive (\rightarrow) is self-distributive. (3)
- (Total: 10 marks)**

SECTION B: ETHICS AND SOCIETY

Answer QUESTION 5 and any other question from this section. Each question carries 35 marks.

5. 'The primary difference between Socrates and the Sophists seems to lie in a disagreement on whether or not a truth (or knowledge) might be absolute'. Explain this statement by making reference to their respective philosophies.
6. Sartre had famously stated that "man is condemned to be free." To what extent do you agree with this statement? Evaluate this claim with reference to the issue of 'bad faith'.
7. Although Aristotle and Epicurus define a good life as a life of happiness, they disagree on how happiness may be achieved. Discuss.
8. One of the most powerful innovations in the Internet's short history is the World Wide Web, which has evolved into a vast public space where people engage in a wide range of social interactions. Some Web applications, however, have exacerbated the problem of privacy, opening up an intense debate with huge commercial interests at stake." (Spinello, 2011) Discuss the topic of privacy and ethics on the internet.